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B1*

NUCLEOTIDE SEQUENCES FOR THE DETECTION AND/OR QUANTITATION OF NON-  
VIRAL ORGANISMS--.

In the Specification:

Please amend the specification as follows:

On page 2, line 26, please replace "(Kohne I)" with --(Kohne I,  
now issued as U.S. Patent No. 4,851,330)--.

On page 2, line 29, please replace "(Kohne II)" with --(Kohne II,  
now issued as U.S. Patent No. 5,288,611)--.

On page 4, line 22, please replace "16s" with --16S--.

On page 6, line 2, please replace "99.7" with --99.7%--.

On page 6, line 8, please replace "E.coli" with --E. coli--.

On page 11, line 10, please replace "5, 6 and 7" with --6, 7 and  
8--.

On page 15, line 23, please replace "Acids" with --Acids--.

On page 16, line 2, please replace "0.1M" with --0.1 M--.

On page 18, line 19, please replace "2cm" with --2 cm--.

On page 19, line 2, please replace "0.12M" with --0.12 M--.

On page 19, line 3, please replace "1mM EDTA, 1mM" with --1 mM  
EDTA, 1 mM--.

On page 19, line 4, please replace "45 degrees C" with --45°C--.

On page 19, line 8, please replace "0.12M" with --0.12 M--.

On page 19, line 10, please replace "0.12M" with --0.12 M--.

On page 19, line 12, please replace "0.12M" with --0.12 M--.

On page 19, line 13, please replace "5 degrees C" with --5°C--.

On page 21, line 9, after "reference." please add --(U.S.

Application Serial No. 07/644,879, which is a continuation of U.S.

*B<sup>2</sup>*

Application Serial No. 816,711, issued as U.S. Patent 5,132,207, on  
July 21, 1992.)--.

On page 22, line 8, after "reference." please add --(U.S. Application Serial No. 07/711,114, which is a continuation of U.S. Application Serial No. 07/298,765, which is a continuation of U.S. Application Serial No. 06/841,860, issued as U.S. Patent 5,374,522, on January 20, 1994.)--.

On page 26, line 1, please replace "0.1M KCl and 20mM" with --0.1 M KCl and 20 mM--.

On page 26, line 9, please replace "lypholized" with --lyophilized--.

On page 29, line 13, please replace "U.S. Application Serial No. 841,860" with --U.S. Patent 5,374,522--.

On page 29, line 18, please replace "0.14M" with --0.14 M--.

On page 32, line 18, please replace " $\text{NaH}_2\text{PO}_4$ " with -- $\text{NaH}_2\text{PO}_4$ --.

On page 33, line 17, please replace "Application No. 841,860" with --5,374,522--.

On page 36, line 7, please replace "0.2" with --0.2%--.

On page 36, line 30, please replace "Application No. 841,860" with --5,374,522--.

On page 39, line 2, please replace "72°; 73.5°;" with --72°C; 73.5°C;--.

On page 39, line 3, please replace "72.3°" with --72.3°C--.

On page 41, line 1, please replace "0.2" with --0.2%--.

On page 41, line 22, please replace "Application No. 841,860" with --5,374,522--.

On page 43, line 12, please replace "Application Serial No. 841,860" with --5,374,522--.

On page 43, line 17, please replace "0.12M" with --0.12 M--.

On page 43, line 18, please replace "pH6.8" with --pH 6.8--.

On page 43, line 20, please replace "0.12M" with --0.12 M--.

On page 43, line 21, please replace "pH6.8" with --pH 6.8--.

On page 45, line 34, please replace "23s" with --23S--.  
On page 46, line 4, please delete "following".  
On page 51, line 11, please replace "73°" with --73°C--.  
On page 51, line 20, please delete "Application".  
On page 51, line 21, please replace "Serial No. 841,860" with  
--5,374,522--.

On page 51, line 24, please replace "pH6.8" with --pH 6.8--.  
On page 51, line 27, please replace "0.17M" with --0.17 M--.  
On page 51, line 27, please replace "pH6.8" with --pH 6.8--.  
On page 52, line 2, please replace "0.12M" with --0.12 M--.  
On page 52, line 2, please replace "pH6.8" with --pH 6.8--.  
On page 57, line 32, please replace "16s" with --16S--.  
On page 58, line 7, please replace "example one of the parent  
application" with --Example 1 of the patent application--.

On page 61, line 28, please replace "16s" with --16S--.  
On page 61, line 29, please replace "23s" with --23S--.  
On page 61, line 29, please replace "16s" with --16S--.  
On page 64, line 29, please replace "23s" with --23S--.  
On page 64, line 31, please replace "23s" with --23S--.  
On page 69, line 19, please replace "72 C" with --72°C--.  
On page 69, line 27, please replace "1mM" with --1 mM--.  
On page 69, line 28, please replace "1mM" with --1 mM--.  
On page 71, line 31, please replace "TRACT." with --TRACT--.  
On page 72, line 6, please replace "ORGANISMS." with  
--ORGANISMS--.

On page 72, line 32, please replace "(1987)" with --(1987))--.  
On page 73, line 22, please replace "sequences" with  
--sequence--.

On page 74, line 13, please replace "16s" with --16S--.  
On page 74, line 14, please replace "16s" with --16S--.

On page 74, line 16, please replace "16s" with --16S--.  
On page 74, line 18, please replace "16s" with --16S--.  
On page 74, line 23, please replace "30mM" with --30 mM--.  
On page 74, line 24, please replace "1mM" with --1 mM--.  
On page 74, line 25, please replace "1mM" with --1 mM--.  
On page 74, line 27, please replace "pH6.8" with --pH 6.8--.  
On page 75, line 2, please replace "pH6.8" with --pH 6.8--.  
On page 75, line 19, please replace "SPECIES." with --SPECIES--.  
On page 76, line 8, please replace "TRACT." with --TRACT--.  
On page 76, line 30, please replace "TRACT." with --TRACT--.  
On page 78, line 11, please replace "16s" with --16S--.  
On page 79, line 4, please replace "ORGANISMS." with

--ORGANISMS--.

On page 80, line 12, please replace "23s" with --23S--.  
On page 81, line 39, please replace "16s" with --16S--.  
On page 83, line 3, please replace "23s" with --23S--.  
On page 84, line 7, please replace "URINE." with --URINE--.  
On page 85, line 20, please replace "23s" with --23S--.  
On page 89, line 23, please replace "16s" with --16S--.  
On page 89, line 24, please replace "23s" with --23S--.  
On page 90, line 1, please replace "60mM" with --60 mM--.  
On page 93, line 21, please replace "E" with --E--.  
On page 93, line 28, please replace "16s" with --16S--.  
On page 94, line 3, please replace "sequence" with

--sequences--.

On page 94, line 7, please replace "1mM" with --1 mM--.  
On page 98, line 21, please replace "App. Ser. No. 841,860" with

--5,374,522--.

On page 99, line 5, please replace "wich" with --which--.  
On page 99, line 8, please replace "frome" with --from--.

On page 100, please remove all of line ~~5~~ starting with "OF A" and insert --OF A PHYLOGENETIC CROSS SECTION OF ORGANISMS--.

On page 102, line ~~5~~, please replace "ORGANISMS." with --ORGANISMS--.

On page 102, line ~~39~~, please replace "URINE." with --URINE--.

On page 103, line ~~26~~, please replace "ORGANISMS." with --ORGANISMS--.

On page 104, line ~~7~~, please replace "URINE." with --URINE--.

On page 104, line ~~39~~, please replace "63" with --62--.

On page 106, line 4, please replace "URINE." with --URINE--.

On page 108, line 5, please replace "PROBE 5" with --PROBE 6--.

On page 108, line 7, please replace "ORGANISMS." with --ORGANISMS--.

On page 111, line 29, please replace "18s" with --18S--.

On page 112, line 2, please replace "28s" with --28S--.

On page 112, line 3, please replace "28s" with --28S--.

On page 112, line 8, please replace "0.48M" with --0.48 M--.

On page 112, line 9, please replace "1mM EDTA, 1mM" with --1 mM EDTA, 1 mM--.

On page 112, line 13, please replace "0.12M" with --0.12 M--.

On page 112, line 20, please replace "probe 1, 2 or combination" with --probes 1, 2, or a combination--.

On page 117, line 1, please replace "\_\_\_\_\_ (not yet assigned), to be filed November 24, 1987," with --124,975, issued as U.S. Patent 5,030,557, on July 9, 1991,--.

On page 117, line 26, please replace "ph6.8" with --pH 6.8--.

On page 117, line 28, please replace "pH6.8" with --pH 6.8--.

On page 118, line 2, please replace "pH6.8" with --pH 6.8--.

On page 119, line 8, please replace "S0-2<sub>4</sub>, PO-3<sub>4</sub>, Cl<sup>-1</sup> and